



40965

Yeast Mannitol Agar

Part D

Specifications

Appearance (Form)	Free flowing, homogeneous powder
Appearance (Colour)	Cream
Solubility	27.80 gm/lit
Solubility before autoclaving (Clarity)	Whitish buff, opalescent
Gel strength	Firm, comparable with 1.5% agar
pH	6.8 ± 0.2
Prepared Medium Appearance after autoclaving (Colour)	Whitish buff, opalescent
Cultural Response	Inoculate and incubate at 30°C for upto 5 days with the following organisms
Organism	Rhizobium leguminosarum ATCC1004
Inoculum (cfu) 10-100	Growth - Good
Organism	Rhizobium meliloti ATCC 9930
Inoculum (cfu) 10-100	Growth - Good

Other Information

Applications

For the isolation and enumeration of soil microorganisms like Rhizobium species.

Composition

Ingredients gms/lt.

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Yeast extract	1.00
Mannitol	10.00
Dipotassium phosphate	0.50
Sodium chloride	0.10
Magnesium sulphate	0.20
Calcium carbonate	1.00
Agar	15.00

Directions

1. Add 27.80 gm powder to 1.0 litre of distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.

General Information

Storage

8 to 25°C (Cool & Dry Area)

Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

Available Packages

100 Gms
500 Gms

Disclaimer

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